

Title (en)  
THERAPEUTIC AGENTS OF METABOLIC BONE DISEASE

Publication  
**EP 0402859 A3 19910807 (EN)**

Application  
**EP 90111100 A 19900612**

Priority  
JP 14998889 A 19890613

Abstract (en)  
[origin: EP0402859A2] New use of cyclic anthranilic acid derivatives of the following formula, <CHEM> wherein R<1>, R<2> and R<3> each independently indicate a hydrogen atom, chlorine atom, lower alkyl group having 1 to 3 carbon atoms, lower alkoxy group having 1 to 3 carbon atoms, amino group, nitro group, hydroxy group, sulfonamide group, trifluoromethyl group, cyano group, carboxyl group, carbamoyl group, acetyl group, benzoylmethyl group which may be substituted, methylthio group, phenylethynyl group which may be substituted, alkanoylamino group having 1 to 3 carbon atoms, benzoylamino group which may be substituted, alkylsulfonfylamino group having 1 to 3 carbon atoms or phenylsulfonfylamino group which may be substituted; R<4> and R<5> each independently indicate a hydrogen atom, lower alkyl group having 1 to 3 carbon atoms, cyano group, carboxyl group, hydroxymethyl group, phenyl group which may be substituted or benzoyl group, R<6> indicates a hydrogen atom, lower alkyl group having 1 to 3 carbon atoms or benzyl group; X indicates a methylene group, oxygen atom, sulfur atom, sulfinyl group or sulfonyl group, their acid or alkali salts thereof as therapeutic agents for metabolic bone diseases is described.

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IPC 8 full level  
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Citation (search report)  
• [AD] EP 0310096 A2 19890405 - KYORIN SEIYAKU KK [JP]  
• [A] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 205 (P-595)[3553], 15th May 1989; & JP-A-1 22 873 (MARUKO SEIYAKU K.K.) 25-01-1989  
• [A] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 124 (C-580)[3472], 27th March 1989; & JP-A-63 295 561 (KISSEI PHARMACEUTICAL CO., LTD) 01-12-1988

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